

Application of the Membrane Effect to Ships' Hull-Plates, by Erich Vollbrecht, 13 pp.

SPANISH, per, Ingeniera Naval, No 245, Nov 1955,
pp 744-752. CIA 9011263

ACSL Tr 930

Sci - Eng
Aug 57

51,040

Seizing of Screw Connections at High
Temperatures, by H. Vollbrecht.

GERMAN, per, Archiv Fuer Das Eisen-
huttenwesen, Vol IX, 1936, pp 397-404.

CSIRO

Sci - Engr

Mar 62

188, 519

Effect of Hydrogen and Hydrogen Sulphide on Steel
Under High Pressure and Elevated Temperature, by
A. Vollbrecht, E. Dittrich.

CARLAM, per, Chemische Fabrik, Vol VIII, 1935,
No 21-22, pp 193-198.

Battcher # No 936

Received in Chemistry

15/4/44

Effect of Doses and Ratios of Nitrogen and Phosphorus on Metabolism, Yield and Quality of Spring Wheat Grain
By I.V. Mosolov, L.P. Volleidt, pp 6

RUSSIAN, per, Fiziologiya Rastenii, Vol IX, No 2,
pp 171-178

AT&S

Set

240 - 954

Oct 6:

Zemolitic Germanates Containing Phosphorus,
and the Compound CaP_2O_7 . by A. Wittmann,
E. Wallenberger, et al.²
GKSSF, pcr, Monatshefte für Chemie, 1963,
Vol XCIV, No 2, pp 440-446.

TC-159

M. Wallenberger

Apr 67

322, 264

Concerning Certain Errors of Spectrum Analyzers
With Preliminary Magnetic Recording, by
N. F. Vollerner, V. G. Kriksunov, 7 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved, Raditekh,
No 1, 1964.

JPRS 25138

Sci
Jun 64

261,517

Noise Immunity of a Receiver Generating a
Set of Meausrekents of the Autocorrelation
Function, by N. F. Vollerner, N. G. Gatkin, 7 pp.

RUSSIAN, per, Radiotekh, Vol XVII, No 2,
1962.

AIEE

Sci

Aug 62

209,871

(M-7126)

Rational Indicator for a Frequency Analyzer,
by N. F. Vollerner, ~~and~~ N. G. Garkin, 13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO,
SSSR, Radiotekh, Vol V, No 1, 1962, pp 65-70.

JPRS 14401

Sci

Jul 62

202,734

Some Problems of the Automation of Apparatus for
~~XXXXX~~ Spectral Analysis, by N.F. Vollmer,
V.G. Krikunov, 4 pp.

MOSCOW, per, Prilozh. i Tekh. Eksp., No 1, 1972,
pp. 117-121.

LGA

~~ZAT~~ 301

Rev 10

316,381

Selection of Permissible Deviations of the Parameters
of Radiotechnical Assemblies or Instruments, by N. A.
Vollmer, 16 pp.

Unclassified

RUSSIAN, per Radiotekhnika, Vol XI, No 11, Nov
1955, p 62-71. CIA 310

KMIC T-48-9198/V

Sci - Electronics

Nov 76

76,794

A Method for Increasing the Accuracy of Frequency Analyzer, With an Electron Beam Indicator, by N. I. Vollernar, 5 pp, (AF 742196).

RUSSIAN, no per. Radiotekhnika, Vol X, No 12,
Dec 1955, pp 51-53. C.I.A. COPY

ATIC F-TS-10069/7

Sci - Electronica

Apr 58

61, 747

Carbon Pile Voltage Stabilizer with Electrostatic
Control, by G. S. Vehaser, H. F. Vollmer,
? 1959.
Vollmer

SZESZAN, zw., Izvestiya Vysokikh Uchenykh
Zavedeniy nauchno-tekhnicheskogo po Radiofizike i Radiotekhnike,
Vol V, No 3, 1962, pp 407-409.

JRCB 16011

Sci

Rev (2)

217,00

Oscillator With External Limitation of Amplitude,
by N. V. Vollerner, 12 pp.

RUSSIAN, bimo per, Radiotekhnika, Vol II, No 5, 1947,
pp 34-41.

Sci Mus Lib No 56/2967

Sci - Electronics

44 038

Choice of Optimal Consumption of Electric Power in
Elements of Radio Apparatus, by N. F. Vollotsev, 13 pp

RUSSIAN, part, In Vysshikh Ucheb Zaved MFI 1830 885II po
Radioelektronika, Vol VI, No 3, 1963, pp 287-291.

JPRS 22232

See
Doc 63

244,060

Frequency Modulation of Band RC-Generators, by
H. P. Vollmer, 14 pp.

RUSSIAN, per, Radio, Vol III, No 4, 1948,
pp 47-55.

NRL Tr 193

Scientific - Electronics
CTB/DEX

9387

66
Electrodeposition of Platinum Metals, by
C. Wallers.
DUTCd, per. 11. Metall. Oxydations-Technikum
Astalon, Vol 6, No 5, 1962, pp 32-37.
ML Ref: 9022.4 (68/50)

O. V. C. U. S.

Sel-select
Jan 69

373.658

Entry of Sulfur Into Plants During Root or Leaf-
Feeding, by I. V. Masolov, L. P. Valleydt

RUSSIAN, no pag., *Zhobreniye i Ann Greshby*, Vol 1,
No 8, 1936, pp 13-17. CIA 9007514

USDA

Sci - Biology
Jan 57 CTS

42, 376

Recommendation Relative to the Thyssen Method of Mass
Calibration, by H. Vollmacher. UNCL

BUJAH, per, Stahl u Eisen, 22 May 1952,
no 611-616.

British Iron and Steel Ind
(no number given)

SCI - 4447
SUS 50

93, 425

Method for the Preparation of Hexachloroindeneone
and Pentachloroindene or 1, 3-Diketohexachloro-
hydrindene, by H. Vollmer, 4 pp.

German
GERMAN Patent Application P9989, Class 12, 23,
26 Sep 1952. Patentblatt, Vol LXXIV, 7 Oct 1954,
p 1410.

S.L.A. Tr No 57-176

Sci - Chemistry, organic 46, 353
Apr 57

<p>Vellman, SOLVENTIC ZETKO EXCHANGE STUDIES ON HIGHLY CHLORINATED AROMATICS. IV. FORMATION OF OCTACHLORODIPHENYLENE DIOXIDE FROM PENTACHLOROPHENOL AND A METHOD FOR SPLIT- TING DIFENYLICLIC DIOXIDES TO FORM 2,2'- DICYANOCYANODIENYLEETHERS. [1963] (3). Order from OTS or SLA \$1.10 63-14081</p> <p>Trans. of scienc. (report) of L. G. Farbenindustrie A. G., Ludwigshafen Works, Apr 43 (78-39).</p> <p>DISCRIPTORS: "Chlorides, Phenyl radicals, Dioxides, Tosyl esters, Hydroxides, Thiools, Synthesis (Chemistry), Drugs, Dyers, Production.</p> <p>(See also 63-14080)</p> <p>(Chemistry-Organic, TT. v. 10, no. 7)</p>	<p>63-14081</p> <p>1. Title: 2,2'Dihydronaphydi- phenylethers 2. Title: Diphenylene dioxides 3. Title: Octachlorodiphenylene dioxide 4. Title: Pentachlorophenol I. Vellman II. Title: Formation ... III. Pb-391</p> <p>.1247529</p> <p>File of Related Items</p>
---	---

Investigations on the System Copper-Caprous Sulphide,
by F. Johnson, L. Wallner. /31
OBERALI, psw, F. Technische Metallurgie Berlin, Vol.
13, 1960, no. 300-302.
CHM0/9291

Dec-1964
Aug 69

389,606

Tissue Culture Experiments With the Bacilli of
Rat Leprosy, by R. Kudicks, H. Vollmar, 9 pp.

OKRMAN, per, Zentralblatt fuer Bakteriolog, Abt I.
Vol CXL, 1937, pp 293-297.

MEH-12-27

Sci - Med

57, 822

Jan 58

A New Principle to Achieve Constancy of Tape Tension in
Magnetic Tape Equipment, by E. Vollmer, W. Rank, 1 PP.

SECRET, Ser. #K 61.46.7

CIA/FDD XX-1214
NOT RELEASABLE TO FOREIGN NATIONALS

Ref:

JUL 01

USIA: INTERNAL USE ONLY

00000000

Predetermination of the Natural Lighting of
Interiors, by R. Vollmer. UNCL

UNCL, p. 1, Liebtechnik, Vol IX, No 8, 1957,
pp 407-409.

DSIR 33491/CT

Engr
Sci - Electron
Feb 59

81,492

The Transmission of Gases and Vapours
Through Paper, by W. Wallner, 8 pp.

GERMAN, per, Chem Ing Tech, No 2, 1954,
pp 90-94.

SLA 2² 57-1042

Sci

Jul 58

67,955

MULLER, J.
MULLER, A.

Stahl und Eisen, vol. 63, No. 43, 650 words; 1933.

Improved Dielectric Method for Polystyrene in Steel
After A. Mier.

September 1933, Order No. 1574 - \$1.00

The Attrition of River Beds in Flood, by L. Vello.

ITALIAN, per, L'Energia Elettrica, Vol XXIX, No 4,
1952, pp 213-220.

D.S.I.R. /11019/CT
1 *9*

Scientific - Geophysics

DEX ONLY

12,165

J-1065/64

Now They See Us, by Sacha Volman. (DC-10710)

SPANISH, np, La Nacion, 28 Jul 1964,
2 p.

*JPRS

LA - Bolivia
Pol
Aug 64

Vapor Pressure of Solid and Liquid Benzophenone Between
0 and 100°C., by G. H. Volmer, P. Kirschhoff.

Angew. Phys. Chem., Vol. XIV, 1929, p. 122-133.

ABG 459-GJ

Oct - 0000

123.356

ABG GJ

On the Mechanisms of Molecular Motion in
Crystals. by M. Volmer, 4 pp.
Z. Physik, 7, 1921, pp. 13-17.
•000 70-57651

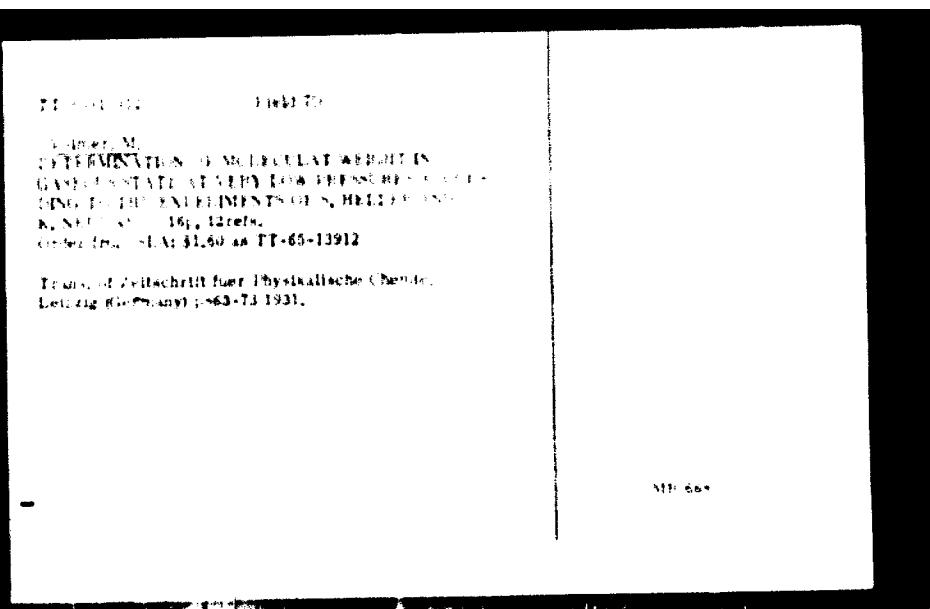
Sci/phys
June 75

Theory and Measurement of Diffusion of
Adsorbed Molecules on Solids, by
H. Volmer, 7 pp.
GARBER, per, Z. Phys. Chem. vol 119,
1926, pp. 46-52.
*680 TT 70-57853

Sci/Phys
June 70

On the Ideas and Experiments of Particle
Motion in Solids, by M. Volmer, 14pp.
GERMAN, per, Z. Phys. Chem., vol 115,
1925, pp. 239-252.
*NBS T1 70-57852

SCI/phys
June 70



On the Extinction Period of Fluorescence, by O.
Stenzl, M. Volmer, 13 pp.

GERMAN, per, Physik, Zeitschr, Vol XX, No 3, 1919,
pp 183-188.

S.L.A. Tr 693/1955

Sci - Physics
Apr 1957 CTB/dex

50, 298

Process for the Production of Difficultly-Inflammable and Solvent-Resistant Polymers, by B. Vollmert, K. J. & Fust, H. Willersheim, 5 pp.

GERMAN, patent No 1,066,743.

SLA 60-14208

Sci
Feb 62
Vol III, No 11

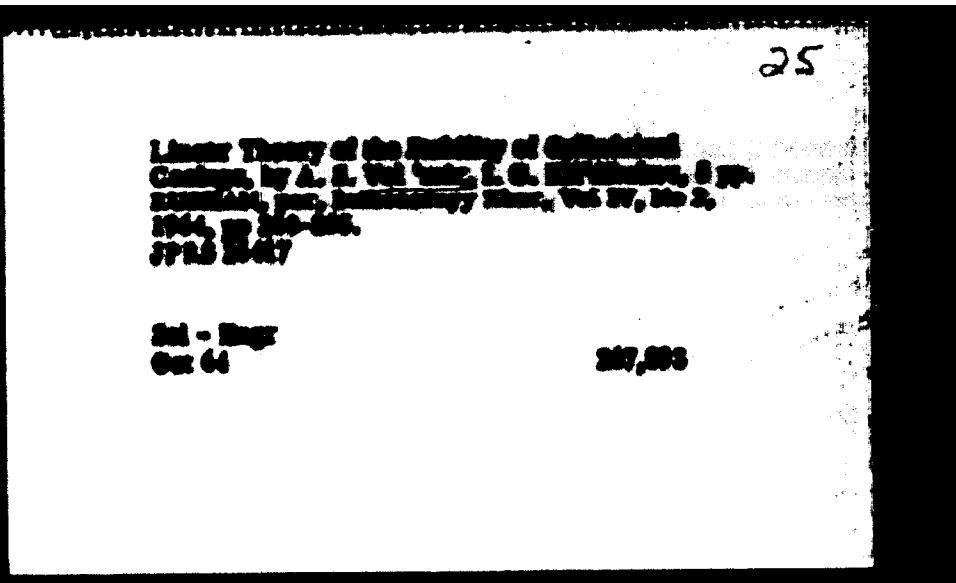
182,788

106

Stability Criteria of Shells, by A. N. Vol'mir,
1 pp.
ANSIIM, per, uschet Prostranstvennykh Kon-
struktury. (borzik Stat'ya. Izd-vo Literatury po
stroitel'stvu, No 9, 1964, pp 117-129).
F1003, 367
FD-65-571

Sci-Physics
Jan 61

346,480



An Estimate of the Dynamic Behavior of a System
Using an Electronic Digital Computer, by A. Yu.
Birkgan, A. S. Vol'mir, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCV, No 5,
1960, pp 1083-1085.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

158, 409

Jun 61

Behavior of Cylindrical Shells Under Dynamic Loading by Hydrostatic Pressure or by Axial Compression, by V. L. Agamirov, A. S. Vol'mir, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekhn Nauk,
Mek i Mash, No 3, 1959, pp 78-83.

ARS
Vol XXXI, No 1

Sci-Phys

Mar 61

141,739

An Experimental Investigation of the Bending
of a Shell under Dynamic Load, by A. S. Vol'mir
V. E. Mineyev, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV,
No 5, 1959, pp 1002-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 2

Set

Dec 59

101, 861

Survey of Investigations on the Theory of Flexible
Plates and Shells (in Covering the Period From 1941
to 1951), by A. S. Vol'kovi. 45pp.

MOSCOW, 1951, Nauchnoe Prostranstvennye Konstruktsii,
Gos. Izd. (Moscow) pp 451-475. 9214389.

243, 2/30

243, 2/30

1

On the theory of the interaction of nuclei with nuclei
shells, by A. S. Vol'mir, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1959, pp 905-908.

Amer Inst of Phys
Rev Phys - Berkeley
Vol III, No 6

SAC - Phys
Jul 59

97, 809

Review of:
Soviet University Textbooks: "Flexible Plates and
Shells, by A. S. Volmir. UNCLASSIFIED
GERMAN, review, 1956-1958, Encl to IR610-58, USAFE,
ATI Dir.

AF 1204335

Nov 50

On the Influence of Initial Irregularities on
the Stability of Cylindrical Casings Under
External Pressure, by A. S. Vol'pert & pp.

RADIOLOGI, Naukova-publ. Dok Akad Nauk SSSR, Vol 24(1),
No 2, 1957, pp 291-293.

Consultants Bureau

Sci - Physics
Dec 57

55, 962

Methods for Testing Thermal Inertia in
Thermocouples and Resistance Thermometers,
by O. M. Levin, V. I. Vol'mir, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 4, 1960
pp 27-30.

IBA

Set
Pet al

138, 392

Characteristic Thermal Inertia Curves of
Conventional Thermocouples and Resistance Thermometers
by G. M. Levin, V. I. Val'mir, 5 pp.

RUSSIAN, per, Izmeritel Tekh, No 6, 1958,
pp 61-64.

Instru Soc of Amer

Sci

Apr 60

113,156

Shot Peening and Heat Treatment of Trolley-Bus
Axle Shafts, by N. Ya. Vol'muk.

RUSSIA, rev. Metal i Term Obrab Metallov, No 11,
1955, pp 40-42.

AB 4996

Sci - Min/Metals

164, 320

Aug 61

V. Formation of $\text{Ca(O}_2\text{)}_2$ by Irradiation of
 $\text{CaO}_2 \cdot 2\text{H}_2\text{O}_2$ With Ultraviolet Light, by I. I.
Vel'nov, V. N. Charnova, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 5,
1951, pp 1095-1097.

AEC Pr-4453

PL-480

Sci
Ref 42
PSI 375

14,4 0

~~SECRET~~

Effect of Surface on the Process of Formation of
 $\text{Ca}(\text{O}_2)_2$ From $\text{CaO}_2\text{H}_2\text{O}$, by I. I. Vol'nov,

V. N. Chamova, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 5,
1953, p. 1098, 1099.

AEC Tr-4453
PL-480

Sci

194,402

Bob 32

PST 375

Heteroxides, superoxides and oxides of alkalis
and alkaline earth metals, by I. I. Vol'nov,
Moscow, Dr.,
• Tenth Press

I. I. Vol'nov

xxvii

Reactivity of Alkali Earth Metal superoxides in
Relation to H₂O and CO₂, by I. I. Vol'nev, A. N.
Shatunina. 9 pp.

RUSIAN. per. Zhur Neorgan Khim, Vol II, No 7,
1957, pp 1474-1478.

ABC-tr-4057

Sci - Chemistry

Dec 60

PGT 84

134, 136

Studies in Synthesis of Alkaline Earth Superoxides,
by I. I. Vol'nov, V. N. Chernova, L. I. Latysheva,
9 pp.

RUSSIAN, per, Zhur Neorg Chim, Vol II, No 2, 1957,
pp 263-267.

AEC-tr-h052

P2 4.5%

145,194

Sci

Apr 61

PST No 79

Studies in Syntheses of Alkaline Earth Superoxides,
by I. I. Vol'nov, E. I. Letysheva, 7 pp.

RUSSIAN, par, Zhur Neorg Khim, Vol II, No 2, 1957,
pp 259-262.

ABC-tr-4052

Pc - 45 C

Sci

Ayr 61

143, 193

PST No 79

Int. Formation of NaO_2 from $\text{Na}_2\text{O}_2 + 2\text{NaCl}$,
by I. I. Vol'nov, A. N. Shatunina,

RSSSAG, per, Zhur Neorg Khim, Vol IV, No 7,
1959, pp 1491-1493.

Cleaver-Hume Press Ltd.
London

Sci - Chem
Jan 60

106, 361

Preparation of Calcium Chloride From Solvay Spent
Liquor Through Calcium Hydroxy-Chloride, by I. I.
Volnov, Z. I. Latysheva, 8 pp.

RUSSIAN, Por, Zhur Prik Khim, Vol XXX, No 7, 1957,
pp 971-984.

Consultants Bureau

Study of Systems Containing Concentrated Hydrogen Peroxide, Concentration 6, C and 23° Isotherm of Gas-Phase System $\text{H}_2\text{O}_2-\text{H}_2\text{O}_f$. By S. A. Kharov,
A. I. Vol'nov, 4 pp.

INSSIAI, 8185 per, Iz Ak Akad SSSR, Otdel Khim.
No 5, Sep-Oct 1958, p. 795-799. CIA C 30501

Consultants Bureau

Scientific - Chemistry

28,825

Nov 56 CIS/DM

On the Possibility of Obtaining Ba(O₂)₂, by I. I.
Vol'nov, A. N. Shatunina.

RUSSIAN, three-page per, Dok Ak Nauk SSSR, CX, No 1,
1956, pp 87, 88.

Navy Tr 1459/RRL 603

LA

Sci - Chemistry
Apr 1957 CIB/dex

45, 728 1 711

On the basis of the results of systematic researches of the properties of the
alkali metal oxides,
the preparation of $\text{Ba}(\text{O}_2)_2$ from $\text{BaO}_2 \cdot \text{Fe}_2\text{O}_3$ by J. I.
Shchegoleva, L. S. Matysheva, 6 pp.

UDC 547.557.22.01:539.2.01
Russian Chem. Review, Vol. II, No. 7,
1957, pp. 166-170.

AAC-tr-4057

1st - TRANSLATED

2nd - INDEXED

3rd - FILED

POLAR

research on the synthesis of Superoxide of
Alkaline Earth Metals, I. Interaction of
~~anhydrous~~ CuO₂.8 H₂O With Ferrohydroxide
about 12%, by I. I. Vol'nov, M. V. N.
Gulyazova, V. F. Sergeyeva, S. I. Latysheva.

RUSSIAN, per, Zhur Neorg Khim, Vol I, 1956,
pp 1937-1942.

Consultants Customs Tr
CAT-244B
\$31.50

Sci - EMM Chem
Mar 59

73-471

Unsaturated Organic Silicon Compounds.
Preparation of Hexaacetylene Siloxane and
Triethoxysilylphenylacetylene, by
Yu. Vol'nov, A. Reutt.
RUSSIAN, per, Zhurnal Obshchei Khimii,
Vol X, No 17, 1940, pp 1600-1604.
SLA TT 64-30151

Yu. Vol'nov

May 67

327,189

robability of backfiring in high voltage arcway
arcs, by Yu. I. Kal'nov.
ISSN 0021-3454, per, Izdatnik elektronika, no 4, 1959,
pp 6-12.
Ref. no: 374.5 (1557)

ci-loc
NY 66

XJ.604

Decomposition of Ortho Esters of Micosilane
on Heating Under Pressure and Splitting Out of the
Free Silicon, by D. N. Dolgov, Tu. N. Vol'nov.
RUSSIAN, per, Zhur Obshchei Khimii, Vol 5, I,
No 2, 1931, pp 310-319.
SLA TT 64-50152

J.W. Williams

May 67 325,053

(NY-5221)

Installation Methods for Protective and Matching
Devices of Overhead Communication Lines, by N. P.
Velnova, 8 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1955.

JPRS 7090

Sci

Jul 61

158, 307

Additional Effects Between Circuits Due to
Insertion of Insulators Along Line, by N. P.
Volnova.

Russian, per, Elektrosvyaz', No 9, Sep 1957,
pp 55-73.

Consultants Bureau

Sci - Electronics
Jan 60

108, 170

(NY-4851)

The Design of an Overhead Line in Case of Steel
Wire Circuits Multiplexed by Means of a V8-3
Unit, by M. P. Volnova, 15 pp.

Russia, per, Vestnik Svyazi, No 3, 1959.

JPRS 5996
FDD/X-3728

Sci

135, 234

Feb 61

The Design of an Overhead Line in Case of Steel Wire Circuits Multiplexed by Means of a VS-3 Unit, by M. P. Volnova, 7 pp.

RUSSIA, per, Vestnik Svvez, No 3, Moscow, 1959.

PDD/X-3726

Sci - Electron
Sep 59

Leading Wire Rolling Mill Practice, by Volobuyev,

RUSSIAN, no per; Stal, No 10, 1955, pp 922-930.

~~Scanned by~~ Tr 561
(5.0.0)

57, 653

Sci ~ Engr
Jan 58

Peculiarities of the Degeneration of Monopoly Capitalism in Russia, by P. Volobuyev, 6 pp.

RUSSIAN, per, Voprosy Ekonomiki, No 2, 1958,
pp 60-70.

Internl Arts and Sci Press
Vol I, No 4

USSR
Econ

Aug 58

71, 821

ON THE IMPREGNATED - STREAKED SEMIMETALLIC
MINERALIZATION IN THE GRANITES OF THE CHU-
ILYISKIYE MOUNTAINS, BY V. I.
VOLOBUYEV, 3 PP.

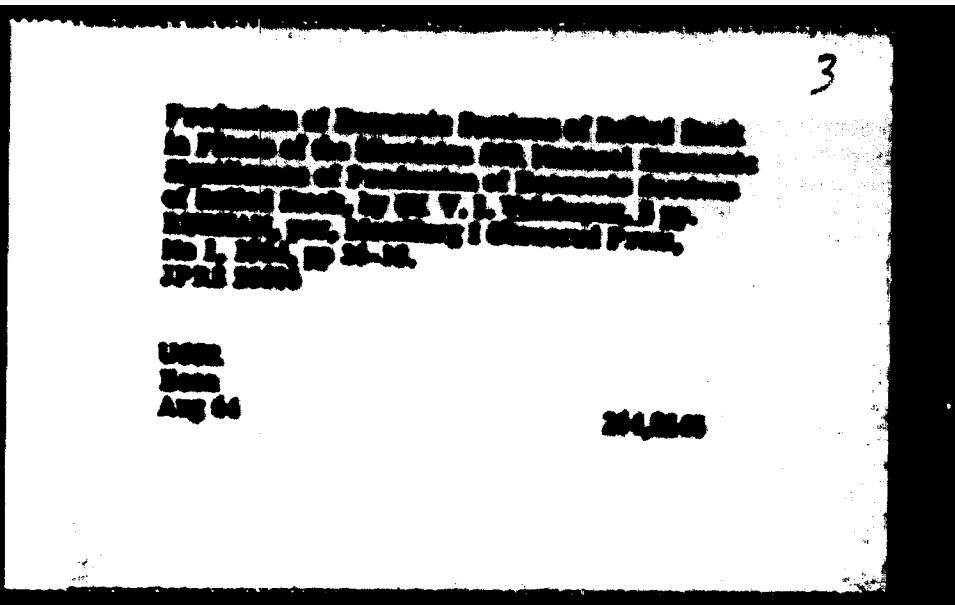
RUSSIAN, PER, IZ AK NAUK KAZAKHSKOY SSR,
SERIYA GE LOGICHESKAYA, NO 2, 1952,
PP 24-31.

JPRS 10955

SCI M/M

JAN 03

217,151



<p>Volobuev, V. P. THE NEW HERBICIDE: ETHERANE-66 . 10 Apr 62 Sci. Servs. JPRS-13472 Report Date: 1962-10-02 62-11647</p> <p>USSR - Azerbaijan (the) Azerbaijanian SSR, Min. of Agric. Sci., v. 27, no. 4, p. 331-334.</p> <p>TRANSLATION: English. "Herbicides, Chlorides, Etherane, Structure, Toxicity"</p> <p>(Agriculture: Plant Cultivation, TT, v. 8, no. 10)</p>	<p>62-11647</p> <p>I. Title: Etherane-66 I. Volobuev, V. P. II. JPRS-13472 III. Joint Publications Research Service, San Francisco, Calif.</p> <p>C 126195</p> <p>Office of Technical Services</p>
--	--

Salt Differentiation in Alluvial Fans,
by V. R. Volobuyev, G. A. Buyanovskiy, 5 pp.
RUSSIAN, per, Pochvovedeniye, No 1, 1963,
pp 44-52.

Scripta Technica

Sci
Jun 64

261,357